YNK-DBR No.....
Date.....

AEE, YSTSD
SBR No: 43/23-24
Date: 28/7/2023

Original/Duplicate/Triplicate

P.W.G. 17 — 1st and final Bill — **CONTRACT CERTIFICATE** — Reference paras 158 & 170

NO

Division **Yelahanka** Sub division **Yelahanka Satellite Town** Date

Bills received No Date Sub-divisional Cash book vr No

Divisional Date

Sheduled Docket No Head of account

Name of work(as per sanctioned

Work Code:-003-23-000018

NAME OF WORK :- Improvements and repairs to Samudaya Bhavana building at Yelahanka 4th phase in Someshwara Ward no-03 of Yelahanka Satellite Town Sub Division.

Name of contractor and full address :- Agency:-SRI.NARAYANASWAMY G. No271/311 Ground floor,Sharadhamba Nilaya.1st Cross,1st Main Road,Kuntenagappa Road,Byatarayanapura, Bangalore-560092.

Reference to agreement No :- **101** **Estimated cost : 10.00 lakhs** **Work order No :98, dt:03/02/2023**

Certified that the measurments were taken by me on 28/07/2023 and recorded on pages **586805** to **586818** of measurment book No **5869** and the work is satisfactorily executed by the contractor.

Signature of contractor Asst. Engineer

Certified that the measurments were taken by me on 28/07/23 and recorded correct.The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

ಉಪವಿಭಾಗಾಧಿಕಾರಿಯವರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within
2) Deduct amount to be held in reserve being----percent Rs----------%-------
3) Balance---

4) Deduct payments

a) Amount of previous payment as in divisional/sub divisional cash book vr No---------dated----------S.D No----------Amount adjusted towards cash advance recovery of

b) Cost of payments/stores or other materials supplied now made recovery

Amount paid on this bill by cheque/cash

Total

5). Balance being unpaid value of work done held in reserve
6) Deduct cash of advance made on divisional/sub divisional cash book
7) Net amount due to or from contractor.

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)
9) Value of government materials supplied.

TOTAL AMOUNT UN-ADJUSTED

Gross Amt =Rs	806400:00
FSD =Rs	
CGST = Rs	6834:00
SGST = Rs	6834:00
IT = Rs	8064:00
L.C = Rs	8064:00
CBF = Rs	806:00
Royalty =Rs	3750:00
T.D. = Rs	34352:00
Net Amt=Rs	772048:00

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)
Witness
1)
2)

Reciept Stamp

Audited & Admitted For Rs. 806400:00

By Ch Rs: 772048:00 (In Words).....

.....And by Adjustment

For Rs. 34352:00

Dated signature of contractor
paid by me cheque No dated
Cash Rs.....
Date Initials of officer making payment

Date

Executive Engineer
Exe Engineer
B.B.M.P Bangalore

Account Suddent

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m	Cum			3.63	176.76	641.63	3.63	641.63
2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications.	Cum			0.73	2157.56	1575.01	0.73	1575.01
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates. Specification	Cum			18.23	4933.34	89934.78	18.23	89934.78
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum			1.73	181.20	313.47	1.73	313.47
5	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum.	Cum			1.73	104.81	181.32	1.73	181.32
6	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	t.Km			2.22	85.27	189.29	2.22	189.29
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum			0.81	5748.19	4656.03	0.81	4656.03

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement Qty	Previous Measurement Cost	Present Measurement Qty	Present Measurement Rate	Present Measurement Amount	Total Up to date Qty	Total Up to date Cost
8	Providing and laying in position Reinforced cement concrete for **all Super structures of building** , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) **M25 Design Mix** Using 20 mm nominal size graded crushed coarse aggregates	Cum			1.39	6044.19	8401.42	**1.39**	**8401.42**
9	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately).	Kg's			264.16	85.27	22524.92	**264.16**	**22524.92**
10	**Fabricating, providing and erecting in position Hot dip galvanised Gate.** Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c. as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work.	Sqm			7.77	10073.56	78271.56	**7.77**	**78271.56**
11	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm			6.09	1062.35	6469.71	**6.09**	**6469.71**

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
12	"Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge	Sqm			9.86	265.59	2618.71	9.86	2618.71
13	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement : 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm			9.86	286.02	2820.15	9.86	2820.15
14	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.	Sqm			38.53	2317.53	89294.43	38.53	89294.43
15	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m^2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m^2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm			456.34	120.80	55125.87	456.34	55125.87
16	Finishing with Epoxy Paint (two coats) at all locations prepared and applied as per manufactures specifications including appropriate priming coat,preparation of surface,etc,complete,On concrete work including preparing the surface after throughly cleaning oil,grease,dirt and foreign matter cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm			750.99	122.58	92056.35	750.99	92056.35

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement Qty	Previous Measurement Cost	Present Measurement Qty	Present Measurement Rate	Present Measurement Amount	Total Up to date Qty	Total Up to date Cost
17	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.	Sqm			161.98	661.75	107190.26	161.98	107190.26
18	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications.	Sqm			119.12	1017.05	121150.99	119.12	121150.99
						Total RS	683415.90		683415.90
						18% of GST charges RS	123014.86		123014.86
						Grand Total RS	806430.76		806430.76

Certificate:-

i) Certified that the above work done is satisfactorly Completed.

ii) Certified that the,There is no debries have been cleared to site.

AE.
Ward no 03

Assistant Executive Engineer
Dasarahalli Satellite Town Sub Division
BBMP, Bangalore-64.